

IODP-MSP (Exp. 364) VISUAL SECTION UNIT DESCRIPTION

Exp.	Site	Hole	Core	Type	Section
364	77	A	11	R	2

Date	Time	Observers
24.09.2016	12.00	EC MW

[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Burrows	Ichnofabrics	Fossils	Core Disturbance	Description	
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160		1	marlstone		//					<p>Laminated marlstone with forams and with ^{very dark greyish brown} two darker interval = 0 to 39 cm (2SY 3/2)</p> <p>lighter interval = 39 to 65 cm (2SY 4/2) dark greyish brown.</p> <p>↳ in the darkest interval, few lighter lenticular beds (2mm thick) 12cm</p> <p>↳ less forams - packstone</p> <p>⊕ faulted in the upper part</p> <p>⊕ nodule 15cm - one burrow of 1cm thick</p> <p>⊕ 19cm dia ⊕ 38cm - " layer (2-3 ichnof)</p> <p>very homogenous laminated interval with little fault ~42cm.</p> <p><u>CT facies:</u></p> <p>alternance of light grey and dark grey in the darker part ⊕ lot of white qtz (pyr?)</p> <p>the layer bioturbated (~38cm) appears dark/black</p> <p>- the lighter part appears light grey.</p> <p>⊕ few white qtz (pyrite?)</p>	
		2	marlstone		//						<p>Laminated marlstone with few layers with high density of forams - "wavy laminated" in the upper part</p> <p>- upper part faulted</p> <p>- at 68cm, lighter bed grainstone laminated</p> <p>⊕ nodule chert 70cm ⊕ burrows filled by grainstone? with lot of pyr grain?</p> <p>color = 2SY 3/2 very dark greyish brown</p> <p>↳ vein and fracture.</p> <p>- at 88cm, lamination alternating between lighter layer color 2SY 4/3.</p> <p><u>CT facies</u></p> <p>the base of the unit is truncated = high erosion</p>
		3	marlstone								<p>117 to 118cm light level 2SY 7/2</p> <p>- Burrow filled with grainstone limestone at 120cm of 1.5cm-thick</p> <p>- nodule at 122cm ⊕ darker layer.</p> <p>- big nodule between 129 and 134cm filled by black fluxes (pyr? org?) -</p> <p>↳ <u>CT facies:</u></p>